Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 30 Sep 2020 until 23:59 on Thursday 01 Oct 2020

Forecast Issued on Tuesday 29 Sep 2020 at 14:49

Confidence: High confidence for an unsettled spell of weather over the coming days. Low-medium confidence for wind speeds during Friday, Saturday and Sunday with the potential for gales in exposure.

Headline for Wednesday 30 Sep 2020: Becoming wet and rather windy with occasionally heavy rain.

Mountain weather hazards on Wednesday 30 Sep 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain	Heavy Rain	Heavy Rain	Light rain	Light rain showers (night)
Precipitation probability							
<05%	<05%	10%	50%	90%	90%	70%	30%

Forecast for Wednesday 30 Sep 2020

Weather: Dry overnight with clear spells and increasing southerly winds. Cloud building into the morning with outbreaks of occasionally heavy rain as well as brisk winds continuing through the afternoon. Becoming mainly dry through the evening with southwesterly winds moderating, though a few showers could still affect the park at times.

Chance of cloud free mountain/hill tops above 600m: Greater than 90% but falling to 20% during the afternoon as blanket cloud down to 400m spreads in. 40% during the evening but low cloud clinging to southern and western upslopes, mainly above 500m.

Visibility: Good or very good overnight and early morning with hills into the middle distance easily discernible. Views of nearby landmarks and hills becoming significantly restricted by the afternoon and into the early evening in any heavy rain and low cloud on modest hills and summits. Otherwise, adjacent hills at lower altitudes should be readily visible. Poor visibilities becoming limited to cloud covered hill tops during the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Wednesday 30 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 S	18/28 S	22/32 S	25/36 S	26/37 S	22/32 S	15/23 S	15/21 SW	16/22 W
300	10/17 S	13/23 S	16/24 S	20/30 S	21/30 S	17/27 S	12/21 S	12/20 SW	12/19 W
Valley	6/17 S	7/21 S	9/22 SE	12/27 S	14/30 S	12/27 S	8/20 S	9/19 SW	9/19 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	7/3	8/3	7/2	8/4	10/6	9/6	8/5	7/3
300	10/8	9/6	9/6	10/6	11/7	12/8	11/9	10/8	9/6
Valley	10/9	9/7	10/8	10/8	11/8	12/10	12/10	11/9	9/7
Freezing Level*	1700m	1700m	2200m	2300m	2400m	2300m	2100m	1900m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 29 Sep 2020	0mm	0mm	0mm

Forecast for Thursday 01 Oct 2020

Weather: Some overnight showers or drizzle on hills with patchy cloud. Sunny spells developing through the morning, continuing into the afternoon with the small chance heavy showers. Showers easing by the evening with good clear spells expected.

Maximum wind: West to southwesterly 20mph, gusting 25-30mph.

Chance of cloud free mountain/hill tops above 600m: 40% overnight with low cloud clinging to southern and western upslopes, mainly above 500m. Becoming 100% by mid-late morning and through the remainder of the day.

Visibility: Good visibility overnight in valleys with low-lying landmarks easily visible. Very limited views on hills with low cloud covering summits. Nearby and distant ranges becoming clearly defined through the day and during the evening.

Temperature: **Valleys:** Plus 6 degrees increasing to Plus 11 degrees Celsius by day.
At 600m: Plus 6 degrees Celsius.
Freezing level: Above the summits throughout.

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